Australian Government
Department of Defence
Intelligence, Security and International Policy

3G: impact and update

SDF Nov 09

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3G rollouts

- Nearly complete in SE Asia
  - UMTS and some CDMA2K
  - UMTS predominates
  - Discussions about LTE
- Coincides with IP core rollouts (WAN)
  - Now seeing NGN roll-outs gathering speed

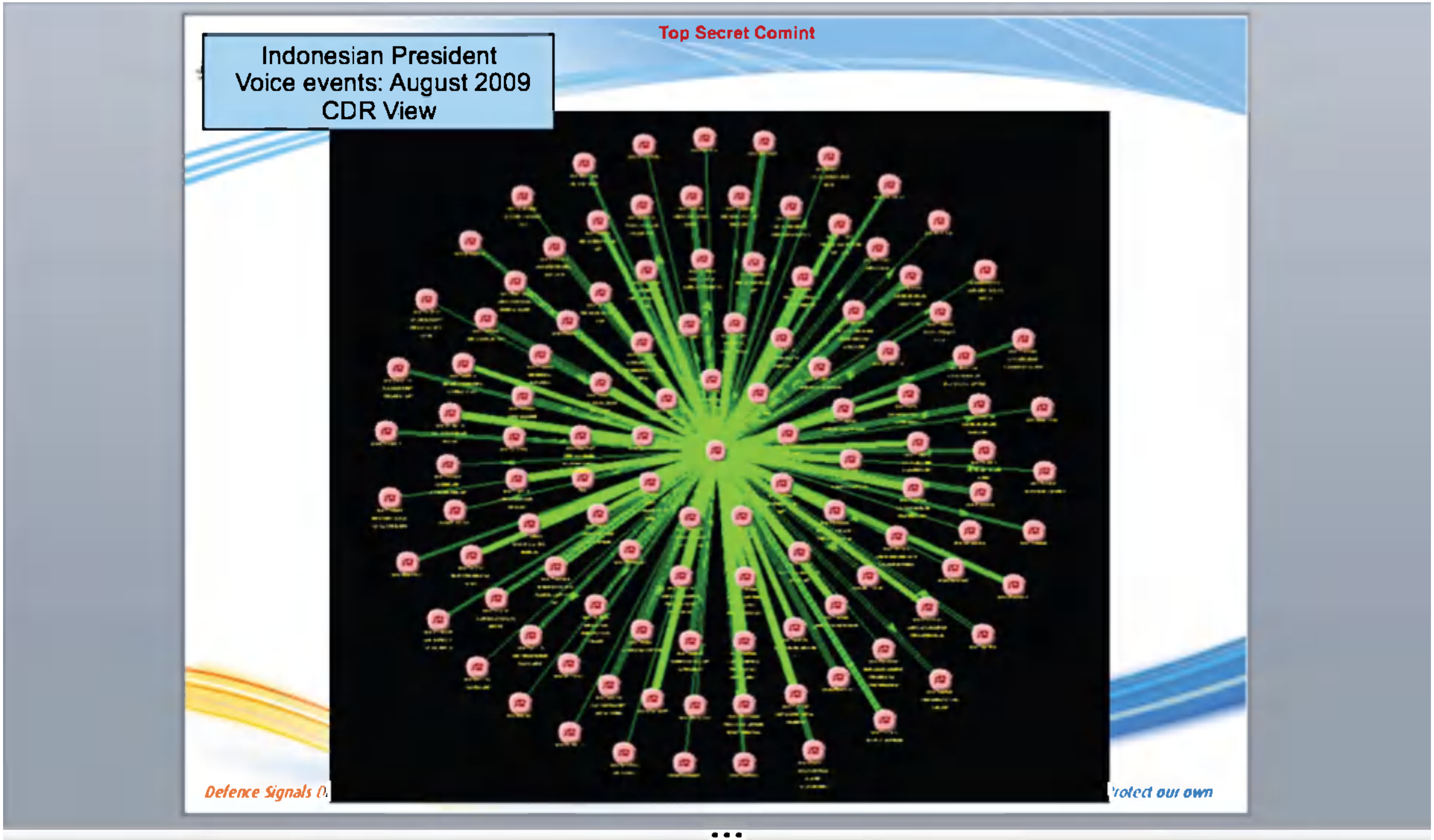
UMTS Launch Dates		
Country	Operator	Launch Date
Cambodia	Shinawatra	Oct-07
Cambodia	Mobitel	Jul-04
Indonesia	Telkomsel	Sep-06
Indonesia	Excelcomindo	Sep-06
Indonesia	Indosat	Nov-06
Indonesia	Hutchison 3G	Dec-06
Malaysia	Maxis Communications	Jul-05
Malaysia	Celcom	May-05
Malaysia	DiGi	Mar-06
Philippines	SMART	May-06
Philippines	Globe	May-06
Philippines	Digitsl	Jul-06
Singapore	Singapore Telecommunications	Feb-05
Singapore	StarHub	Apr-05
Singapore	MobileOne	Feb-05
Thailand	CTM	May-08

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IA Leadership Targets + Handsets

	Name/Position	Handset	Generation
1	Susilo Bambang Yudhoyono	Nokia E90-1	3G
2	Kristiani Herawati (First Lady)	Nokia E90-1	3G
3	Boediono (new Vice President)	Blackberry Bold (9000)	3G
4	Yusuf Kalla (former Vice President)	Samsung SGH-Z370	3G
5	Dino Patti Djalal (Foreign Spokesman)	Blackberry Bold (9000)	3G
6	Andi Mallarangeng (Domestic Spokesman)	Nokia E71-1	3G
7	Hatta Rajasa (State Secretary)	Nokia E90-1	3G
8	Sri Mulyani Indrawati (MENKO EKON)	Nokia E90-1	3G
9	Widodo Adi Sucipto (MENKO POLKAM)	Nokia E66-1	3G
10	Sofyan Djalil (Minister – Confidant)	Nokia E90-1	3G

Uptake of 3G handsets commenced in
2nd Quarter 2007 – Nokia E90-1



CDRs for August only cover 15 days of the month (1,3,4,8->14, and 20->24th).
This is voice events only.



The [redacted] number is a Thai number – nil further info at this time (didn't make the dev threshold – only a sub-1minute call).

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DSD Way Forward

- 3G options paper with leadership group
- Choose an option and apply it to a target (like Indonesian Leadership)